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PTO/SB/05 (03-01)  
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<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>		Attorney Docket No. REV 100 US
		First Inventor Carol J. Phelps
		Express Mail Label No. <b>EV330776839US</b>
<b>Title</b> "Porcine Animals Lacking any Expression of Functional Alpha 1, 3 Galactosyltransferase"		
<b>Application Elements</b> <small>See MPEP chapter 600 concerning utility patent application contents.</small>		<b>ADDRESS TO:</b> Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450
<div style="display: flex; justify-content: space-between;"><div style="width: 48%;"><p>1. <input checked="" type="checkbox"/> <b>Fee Transmittal Form</b> <small>(Submit an original, and a duplicate for fee processing)</small></p><p>2. <input checked="" type="checkbox"/> <b>Applicant claims small entity status.</b> <small>See 37 CFR 1.27</small></p><p>3. <input checked="" type="checkbox"/> <b>Specification</b> Total Pages <span style="border: 1px solid black; padding: 0 10px;">69</span> <small>(preferred arrangement set forth below)</small></p><ul style="list-style-type: none"><li>- Descriptive title of the invention</li><li>- Cross Reference to Related Applications</li><li>- Statement Regarding Fed sponsored R &amp; D</li><li>- Reference to sequence listing, a table, or a computer program listing appendix</li><li>- Background of the Invention</li><li>- Brief Summary of the Invention</li><li>- Brief Description of the Drawings (if filed)</li><li>- Detailed Description</li><li>- Claim(s)</li><li>- Abstract of the Disclosure</li></ul><p>4. <input checked="" type="checkbox"/> <b>Drawing(s)</b> (35 U.S.C. 113) [Total Pages <span style="border: 1px solid black; padding: 0 10px;">6</span>]</p><p>5. <b>Oath or Declaration</b> [Total Pages <span style="border: 1px solid black; padding: 0 10px;">2</span>]</p><div style="margin-left: 20px;"><p>a. <input type="checkbox"/> Newly executed (original or copy)</p><p>b. <input checked="" type="checkbox"/> Unexecuted</p><p>c. <input type="checkbox"/> Copy from prior application (37 CFR 1.63(d)) <small>(for continuation/divisional with Box 17 completed)</small></p><div style="margin-left: 20px;"><p>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> <small>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</small></p></div></div></div><p>6. <input type="checkbox"/> <b>Application Data Sheet.</b> See 37 CFR 1.76</p></div> <div style="width: 48%;"><p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program <small>(Appendix)</small></p><p>8. Nucleotide and/or Amino Acid Sequence Submission <small>(if applicable, all necessary)</small></p><div style="margin-left: 20px;"><p>a. <input type="checkbox"/> Computer Readable Form (CRF)</p><p>b. Specification Sequence Listing on:</p><div style="margin-left: 20px;"><p>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</p><p>ii. <input type="checkbox"/> paper</p></div></div><p>c. <input type="checkbox"/> Statement verifying identity of above copies</p></div>		

**ACCOMPANYING APPLICATION PARTS**

9. ☐ Assignment Papers (cover sheet & document(s))

10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee)

☐ Power of Attorney

11. ☐ English Translation Document (if applicable)

12. ☐ Information Disclosure Statement (IDS)/PTO-1449

☐ Copies of IDS Citations

13. ☐ Preliminary Amendment

14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)

15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)

16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.

17. ☒ Other: check for \$ 500.00

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation

☐ Divisional

☐ Continuation-in-part (CIP)

of prior application No: \_\_\_\_\_

Prior application information: Examiner: \_\_\_\_\_ Group/Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

☒ Customer Number or Bar Code Label

20786  
(Insert Customer No. or Attach bar code label here)

OR ☒ Correspondence address below

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<b>Name (Print Type):</b> Sherry M. Knowles			<b>Registration No. (Attorney/Agent)</b>		33,052
<b>Signature</b> <i>Sherry Knowles</i>			<b>Date</b>		August 21, 2003

**Burden Hour Statement:** This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313

PTO 10/646970 08/21/03

16086 U.S. PTO  
08/21/03

# FEE TRANSMITTAL

This sheet accompanies a patent application transmittal for the following application:

Inventor(s): Carol J. Phelps  
 Filing Date: August 21, 2003  
 Title: "Porcine Animals Lacking any Expression of Functional Alpha 1, 3 Galactosyltransferase"

The filing fee is calculated as shown below:

## 1. FILING FEE:

SMALL ENTITY			LARGE ENTITY	
FOR:	FEE	FEE PAID	FEE	FEE PAID
<input checked="" type="checkbox"/> UTILITY FILING FEE	\$370.00	\$370.00	\$750.00	
<input type="checkbox"/> DESIGN FILING FEE	\$165.00		\$330.00	
<input type="checkbox"/> PLANT FILING FEE	\$255.00		\$510.00	
<input type="checkbox"/> REISSUE FILING FEE	\$370.00		\$740.00	
<input type="checkbox"/> PROVISIONAL FILING FEE	\$80.00		\$160.00	
SUBTOTAL (1)		\$370.00		

## 2. CLAIMS:

SMALL ENTITY				LARGE ENTITY		
FOR:	NO. FILED	NO. EXTRA	RATE	FEE	RATE	FEE
TOTAL CLAIMS	50 - 20 =	30	30 x \$9 =	\$270.00	117 x \$18 =	
INDEP. CLAIMS	7 - 3 =	4	4 x \$42 =	\$168.00	29 x \$84 =	
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED			+\$140 =	0	+\$280 =	
SUBTOTAL (2)				\$438.00		

## 3. ADDITIONAL FEES:

SMALL ENTITY			LARGE ENTITY	
FOR:	FEE	FEE PAID	FEE	FEE PAID
<input type="checkbox"/> LATE FILING, FEE OR OATH	\$65		\$130	
<input type="checkbox"/> NON-ENGLISH SPECIFICATION	\$130		\$130	
<input type="checkbox"/> OTHER				
SUBTOTAL (3)		\$		

TOTAL FILING FEES: \$ \$808.00

A check is enclosed for the amount: \$ 500.00

☒ Charge any additional fees required under 37 C.F.R. 1.16 or 1.17 to Deposit Account 11-0980

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By: Sherry M. Knowles Date: August 21, 2003

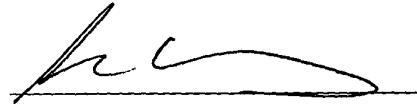
Sherry M. Knowles, Esq.

Reg. No. 33,052

## UTILITY PATENT APPLICATION FILING

### Certificate of Mailing Under 37 CFR 1.10

I hereby certify that this Utility Patent Application and Transmittal, along with any documents referred to as attached therein are being deposited with the United States Postal Service in an envelope as "Express Mail Post Office to Addresses" services under 37 CFR 1.10, Mailing Label Number EV330776839US addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on August 21, 2003.



Stephanie D. Adams

Date: 21 August 2003  
REV 100 US